

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| S2 | 0 | (combustion chamber) and (cooled access) and "60".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/09/13 08:39 |
| S3 | 3 | (combustion chamber) and (cool\$3 access) and "60".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/09/13 08:46 |
| S4 | 46 | (combustion chamber) and cool and 60/755.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 07:35 |
| S5 | 1 | ("6415724").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/13 08:51 |
| S6 | 1 | ("5624256").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/13 08:51 |
| S7 | 1 | ("5333443").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/13 08:51 |
| S8 | 1 | ("4480436").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/13 08:51 |
| S9 | 62 | (combustion chamber) and cool and 60/755,722.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/13 08:58 |
| S10 | 1 | (combustion chamber) and manhole cover and 60/755,722.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 13:06 |
| S11 | 0 | ((combustion chamber) and manhole cover and 60/755,722.ccls.) same hall thruster | US-PGPUB; USPAT | ADJ | ON | 2007/09/13 09:16 |
| S12 | 0 | ((combustion chamber) or manhole cover and 60/755,722.ccls.) same hall thruster | US-PGPUB; USPAT | ADJ | ON | 2007/09/13 10:26 |
| S13 | 0 | ((combustion chamber) or manhole cover and "60".clas.) same hall thruster | US-PGPUB; USPAT | ADJ | ON | 2007/09/13 10:26 |
| S14 | 0 | (combustion chamber) and manhole cover and "60"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 10:57 |
| S15 | 1 | (combustion chamber) and manhole cover and "60"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/13 10:27 |
| S16 | 134 | (combustion chamber) and 60/755,722.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/13 10:27 |
| S17 | 20 | (combustion chamber) and access and 60/755,722.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/13 15:40 |
| S18 | 2 | ("4139975" "4157001").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/09/13 16:43 |
| S19 | 9 | ("5624256").URPN. | USPAT | ADJ | ON | 2007/09/13 16:46 |

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| S20 | 21 | ("2268464" "2544538" "2553393" "2617255" "2859934" "2919549" "3159944" "3349558" "3542483" "3595710" "3716357").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/09/13 16:54 |
| S21 | 4 | ("3716357").URPN. | USPAT | ADJ | ON | 2007/09/13 16:54 |
| S22 | 20 | ("4480436").URPN. | USPAT | ADJ | ON | 2007/09/13 16:54 |
| S23 | 0 | peter tiemann.in. | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2007/09/17 07:36 |
| S24 | 800 | tiemann.in. | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2007/09/17 07:36 |
| S25 | 0 | ("2005/0097894").URPN. | USPAT | ADJ | ON | 2007/09/17 09:31 |
| S26 | 0 | (combustion chamber) and entry and "60"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 11:40 |
| S27 | 0 | (combustion chamber) and door and "60"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 10:58 |
| S28 | 0 | (combustion chamber) and panel and "60"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 10:58 |
| S29 | 0 | (combustion chamber) and access and "60"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 10:58 |
| S30 | 0 | (combustion chamber) and maintenance and "60"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 11:24 |
| S31 | 0 | (combustion chamber) and open and "60"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 11:35 |
| S32 | 0 | (combustion chamber) and opening and "60"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 11:24 |
| S33 | 0 | (combustion chamber) and cover and "60"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 11:40 |
| S34 | 0 | (combustion chamber) and cover and "60"/\$.ccls | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2007/09/17 12:56 |
| S35 | 1 | "2948276".pn. | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2007/09/17 12:56 |
| S36 | 736 | boilers and cover and "60"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 13:14 |
| S37 | 219 | boilers and cover and "237"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 13:14 |
| S38 | 78 | boilers and door and "237"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 13:14 |
| S39 | 1 | combustion chamber and 110/180. cccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 16:30 |

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|-----|------|---|-----------------|-----|----|------------------|
| S40 | 3137 | combustion chamber and "110"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 16:30 |
| S42 | 547 | combustion chamber and entry and "110"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 16:30 |
| S43 | 808 | combustion chamber and cover and "110"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 16:30 |
| S44 | 308 | combustion chamber and door and cooling and "110"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/17 16:31 |
| S45 | 699 | combustion chamber and door and "110"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 07:38 |
| S46 | 628 | combustion chamber and door and temperature and "110"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 07:38 |
| S47 | 373 | combustion chamber and door and high temperature and "110"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 07:38 |
| S48 | 226 | combustion chamber same door and high temperature and "110"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 07:38 |
| S49 | 36 | combustion chamber same door same high temperature and "110"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 07:51 |
| S50 | 15 | combustion chamber same door same high temperature and "110"/\$.ccls. and cooling | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 07:38 |
| S51 | 54 | combustion chamber and 110/237.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 12:21 |
| S52 | 2 | combustion chamber same door same high temperature and 110/237.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 07:53 |
| S53 | 0 | high temperature same door same cool? and 110/237.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 12:22 |
| S54 | 0 | high temperature same door same cool and 110/237.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 12:22 |
| S55 | 0 | high temperature same door same fluid and 110/237.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 12:22 |
| S56 | 5 | high temperature and door and fluid and 110/237.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/09/18 12:22 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| S1 | 154064 | Combustion near2 chamber | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:47 |
| S2 | 4676604 | Door or manhole or entry or man\$1hole or access\$2 or open or (man adj hole) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:45 |
| S3 | 53467 | (Cool\$3 or chill\$4) near7 S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:46 |
| S4 | 39992 | Cooling near2 chamber | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:39 |
| S5 | 126 | S1 same S3 same S4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:40 |
| S6 | 299 | S3 near10 S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:41 |
| S7 | 73 | S6 same S4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:41 |
| S8 | 30 | S5.ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:41 |
| S9 | 2483906 | Door or manhole or entry or man\$1hole or access\$2 or (man adj hole) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 15:06 |

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|-----|--------|--|---|----|----|------------------|
| S10 | 19613 | (Cool\$3 or chill\$4) near7 S9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 15:07 |
| S11 | 52 | S1 same S10 same S4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:55 |
| S12 | 286 | S1 same S10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:57 |
| S13 | 98 | S12 and S4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:57 |
| S14 | 46 | S13 not S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 14:57 |
| S15 | 608140 | Door or manhole or man\$1hole or (man adj hole) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 15:08 |
| S16 | 8354 | (Cool\$3 or chill\$4) near7 S15 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 15:07 |
| S17 | 80 | S16 same S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 15:07 |
| S18 | 10 | S17 same S4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 15:08 |
| S19 | 0 | S18 not S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/20 15:08 |

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|-----|----|---|-----------------|----|----|------------------|
| S20 | 28 | S17 and ("60"/\$.ccls. or "110"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2007/09/20 15:10 |
| S21 | 52 | S17 not S11 | US-PGPUB; USPAT | OR | ON | 2007/09/20 15:10 |
| S22 | 25 | S21 and ("60"/\$.ccls. or "110"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2007/09/20 15:10 |